

JUL 25 2001



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/681,609	05/08/2001	Gregory T. Stauff	Atmi-497

#3

CONFIRMATION NO. 8601

25559
 ATMI, INC.
 7 COMMERCE DRIVE
 DANBURY, CT 06810

FORMALITIES LETTER



OC00000006154903

Date Mailed: 06/06/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
 Initial Patent Examination Division (703) 308-1202
 PART 2 - COPY TO BE RETURNED WITH RESPONSE

130.00 00
6566503-3 05/08/2001



ATMI-497
PATENT APPLICATION

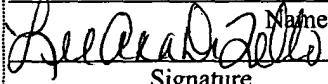
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: GREGORY T. STAUF, ET AL.

Application No.: 09/681,609

Filed: May 8, 2001

Title: BARRIER STRUCTURES FOR INTEGRATION OF HIGH K OXIDES
WITH Cu AND Al ELECTRODES

I hereby certify that this paper is being deposited this date with the U.S. Postal Service under 37 CFR 1.8 as first class mail, postage prepaid, in an envelope addressed to: Asst. Commissioner for Patents, Washington, DC 20231	
Lee Ann DiLello	Name
	Signature
	7/23/01
	Date

**SUBMISSION OF DECLARATION AND POWER OF ATTORNEY IN RESPONSE TO
NOTICE TO FILE MISSING PARTS OF APPLICATION /FILING DATE GRANTED IN
U.S. APPLICATION 09/681,609**

Asst. Commissioner For Patents
Washington, DC 20231

Attn: BOX MISSING PART

Sir:

In response to the June 6, 2001 Notice to File Missing Parts of Application /Filing Date Granted, enclosed and submitted herewith is an executed Declaration and Power of Attorney. An assignment to Advanced Technology Materials, Inc., is also enclosed.

A check in the amount of \$130 is enclosed in payment of the surcharge for late filing of the Declaration.

Applicant does not believe that any additional fee is due in connection with the foregoing.
However, any deficiencies may be charged to the deposit account 50-0860.

Respectfully submitted,



Robert A. McLauchlan, III
Registration No. 44,924
Attorney for Applicant

ADVANCED TECHNOLOGY MATERIALS, INC.

7 Commerce Drive
Danbury, CT 06810
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ATMI-497